

**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**

(includes Reference to PCT International Applications)

Attorney's Docket No:....97A007

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Molecular Sieve Layers and Processes for their Manufacture

the specification of which (check only one item below)

- ☐ is attached hereto
- ☐ was filed as United States application  
Serial No  
on  
and was amended  
ON (if applicable)
- ☒ was filed as PCT international application  
Number PCT/EP94/01301  
on 24 April 1994  
and was amended under PCT Article 19  
ON (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specifications, including the claims, as amended by any amendment referred to above.

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**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:**

| COUNTRY<br>(If PCT, indicate "PCT") | APPLICATION NUMBER | DATE OF FILING<br>(day, month, year) | PRIORITY CLAIMED<br>UNDER 35 U.S.C. 119 |
|-------------------------------------|--------------------|--------------------------------------|---|
| EUROPE                              | 93303187.4         | 23 APRIL 1993                        | YES                                     |

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**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:****U.S. APPLICATIONS**

| U.S. APPLICATION NUMBER | U.S. FILING DATE | STATUS |
|-------------------------|------------------|--------|
| NONE                    |                  |        |



93A007 USw

**PCT APPLICATIONS DESIGNATING THE U.S.**

PCT APPLICATION NO.      PCT FILING DATE      US SERIAL NUMBERS  
ASSIGNED (if any)      STATUS

NONE

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| Name             | Registration No. | Name | Registration No. |
|------------------|------------------|------|------------------|
| EDWARD F. SHERER | 29,588           |      |                  |

**Send Correspondence to:**

Mr. E. F. Sherer, Exxon Chemical Company, 5200 Bayway Drive, Baytown, Texas 77520, United States of America

**Direct telephone calls to:**

Name: Edward F Sherer  
Telephone No. 1-281-834-5933

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**First Inventor:**

Harry William DECKMAN

Residence (City, State or Province, Country):

Clinton, New Jersey, United States of America

Country of Citizenship:

United States of America

Post Office Address:

2 Woods Edge Court, Clinton, New Jersey 08809  
United States of America

Signature (Sign full name as it appears above):

Dated:

Month (in full) September Day 2, 19 97

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## PCT APPLICATIONS DESIGNATING THE U.S.

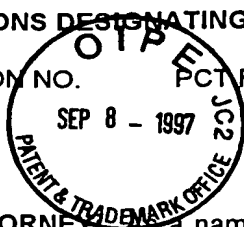
PCT APPLICATION NO.

PCT FILING DATE

US SERIAL NUMBERS  
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STATUS

NONE



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Name

Registration No.

Name

Registration No.

EDWARD F. SHERER

29,588

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Mr. E. F. Sherer, Exxon Chemical Company, 5200 Bayway Drive, Baytown, Texas 77520, United States of America

**Direct telephone calls to:**

Name: Edward F Sherer  
Telephone No. 1-281-834-5933

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**Fifth Inventor:****Anthonie Jan BURGGRAAF**

Residence (City, State or Province, Country):

Enschede, The Netherlands

Country of Citizenship:

The Netherlands

Post Office Address:

Bastlinglaan 15, 7548 AM Enschede, The Netherland

Signature (Sign full name as it appears above):

Dated:

Month (in full) September Day 3, 1997

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## PCT APPLICATIONS DESIGNATING THE U.S.

PCT APPLICATION NO. **01A** FILING DATE **SEP 8 - 1997** US SERIAL NUMBERS ASSIGNED (if any) STATUS

NONE

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**Second Inventor:**

Allan Joseph JACOBSON

Residence (City, State or Province, Country):

Houston, Texas, United States of America

Country of Citizenship:

Great Britain

Post Office Address:

3027 Lafayette Street, Houston, Texas 77005  
United States of America

Signature (Sign full name as it appears above):

*Allan J. Jacobson*

Dated:

Month (in full) August Day 27, 19 97

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**Eighth Inventor:**

Frank Wenyih LAI

Residence (City, State or Province, Country):

Bridgewater, New Jersey, United States of America

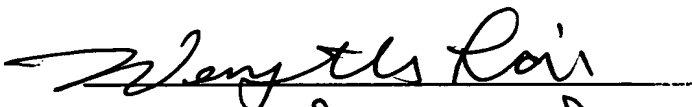
Country of Citizenship:

United States of Amemrica

Post Office Address:

656 Bellerive Court, Bridgewater, New Jersey 08807  
United States of America

Signature (Sign full name as it appears above):



Dated:

Month (in full)

8

Day

28

19

97



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**Eleventh Inventor:**

Edward William CORCORAN, Jr.

Residence (City, State or Province, Country):

Easton, Pennsylvania, United States of America


Country of Citizenship:

United States of America

Post Office Address:

Stocker *(circled)*  
2149 Stocker Mill Road, Easton, Pennsylvania 18045  
United States of America

Signature (Sign full name as it appears above):



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**Twelfth Inventor:****Wilfried Jozef MORTIER**

Residence (City, State or Province, Country):

Kessel-Lo, Belgium

Country of Citizenship:

The Netherlands

Post Office Address:

Dieste Steenweg 483, B-3010 Kessel-Lo, Belgium

Signature (Sign full name as it appears above):

Dated:

Month (in full) October Day 28, 19 97

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| COUNTRY<br>(if PCT, indicate "PCT") | APPLICATION NUMBER | DATE OF FILING<br>(day, month, year) | PRIORITY CLAIMED<br>UNDER 35 U.S.C. 119 |
|-------------------------------------|--------------------|--------------------------------------|---|
| EUROPE                              | 93303187.4         | 23 APRIL 1993                        | YES                                     |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulation, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:****U.S. APPLICATIONS**

| U.S. APPLICATION NUMBER | U.S. FILING DATE | STATUS |
|-------------------------|------------------|--------|
| NONE                    |                  |        |

## PCT APPLICATIONS DESIGNATING THE U.S.

| PCT APPLICATION NO. | PCT FILING DATE | US SERIAL NUMBERS<br>ASSIGNED (if any) | STATUS |
|---------------------|-----------------|--|--------|
|---------------------|-----------------|--|--------|

NONE

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (*List name and registration number*)

| Name             | Registration No. | Name | Registration No. |
|------------------|------------------|------|------------------|
| EDWARD F. SHERER | 29,588           |      |                  |

**Send Correspondence to:**

Mr. E. F. Sherer, Exxon Chemical Company, 5200 Bayway Drive, Baytown, Texas 77520, United States of America

**Direct telephone calls to:**

Name: Edward F Sherer  
Telephone No. 1-281-834-5933

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**Seventh Inventor:**

Lothar Ruediger, CZARNETZKI

Residence (City, State or Province, Country):

Leuven, Belgium

Country of Citizenship:

Germany

Post Office Address:

Priester Daensstraat 29/4, 3010-Leuven, Belgium

Signature (Sign full name as it appears above):



Dated:

Month (in full) October Day 28, 19 97

**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**  
(includes Reference to PCT International Applications)

Attorney's Docket No:....97A007

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Molecular Sieve Layers and Processes for their Manufacture

the specification of which (check only one item below)

- ☐ is attached hereto
- ☐ was filed as United States application  
Serial No  
on  
and was amended  
ON (if applicable)
- ☒ was filed as PCT international application  
Number PCT/EP94/01301  
on 24 April 1994  
and was amended under PCT Article 19  
ON (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specifications, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than United States of America filed by me on the same subject; matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:**

| COUNTRY<br>(if PCT, indicate "PCT") | APPLICATION NUMBER | DATE OF FILING<br>(day, month, year) | PRIORITY CLAIMED<br>UNDER 35 U.S.C. 119 |
|-------------------------------------|--------------------|--------------------------------------|---|
| EUROPE                              | 93303187.4         | 23 APRIL 1993                        | YES                                     |

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**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:**

**U.S. APPLICATIONS**

| U.S. APPLICATION NUMBER | U.S. FILING DATE | STATUS |
|-------------------------|------------------|--------|
| NONE                    |                  |        |

## PCT APPLICATIONS DESIGNATING THE U.S.

PCT APPLICATION NO. **NONE** PCT FILING DATE **SEP 8 - 1997** US SERIAL NUMBERS ASSIGNED (if any) STATUS

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (*List name and registration number*)

| Name             | Registration No. | Name | Registration No. |
|------------------|------------------|------|------------------|
| EDWARD F. SHERER | 29,588           |      |                  |

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**Ninth Inventor:****Antonie Jan BONS**

Residence (City, State or Province, Country):

Kessel-Lo, Belgium

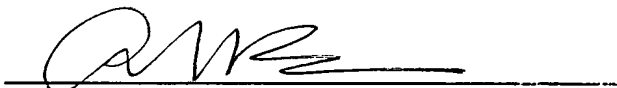
Country of Citizenship:

The Netherlands

Post Office Address:

Tiensesteenweg 259, 3010 Kessel-Lo, Belgium

Signature (Sign full name as it appears above):



Dated:

Month (in full) August Day 28, 19 97



**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**  
(includes Reference to PCT International Applications)

Attorney's Docket No:.....97A007

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Molecular Sieve Layers and Processes for their Manufacture**

the specification of which (check only one item below)

- ☐ is attached hereto
- ☐ was filed as United States application  
Serial No  
on  
and was amended  
on (if applicable)
- ☒ was filed as PCT international application  
Number PCT/EP94/01301  
on 24 April 1994  
and was amended under PCT Article 19  
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**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:**

| COUNTRY<br>(If PCT, indicate "PCT") | APPLICATION NUMBER | DATE OF FILING<br>(day, month, year) | PRIORITY CLAIMED<br>UNDER 35 U.S.C. 119 |
|-------------------------------------|--------------------|--------------------------------------|---|
| EUROPE                              | 93303187.4         | 23 APRIL 1993                        | YES                                     |

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**U.S. APPLICATIONS**

| U.S. APPLICATION NUMBER | U.S. FILING DATE | STATUS |
|-------------------------|------------------|--------|
| NONE                    |                  |        |

## PCT APPLICATIONS DESIGNATING THE U.S.

PCT APPLICATION NO.

PCT FILING DATE



US SERIAL NUMBERS

STATUS

NONE

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (*List name and registration number*)

Name

EDWARD F. SHERER

Registration No.

29,588

Name

Registration No.

**Send Correspondence to:**

Mr. E. F. Sherer, Exxon Chemical Company, 5200 Bayway Drive, Baytown, Texas 77520, United States of America

**Direct telephone calls to:**

Name: Edward F Sherer  
Telephone No. 1-281-834-5933

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**Tenth Inventor:****Johannes Petrus VERDUIJN**

Residence (City, State or Province, Country):

Leefdaal, Belgium

Country of Citizenship:

The Netherlands

Post Office Address:

Vlieguut 28, B-3061 Leefdaal, Belgium

Signature (Sign full name as it appears above):

Dated:

Month (in full) August Day 29th, 19 97

**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**  
 (includes Reference to PCT International Applications)

Attorney's Docket No:....97A007

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the specification of which (check only one item below)

- ☐ is attached hereto
- ☐ was filed as United States application  
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 on  
 and was amended  
 ON (if applicable)
- ☒ was filed as PCT international application  
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**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:**

| COUNTRY<br>(If PCT, indicate "PCT") | APPLICATION NUMBER | DATE OF FILING<br>(day, month, year) | PRIORITY CLAIMED<br>UNDER 35 U.S.C. 119 |
|-------------------------------------|--------------------|--------------------------------------|---|
| EUROPE                              | 93303187.4         | 23 APRIL 1993                        | YES                                     |

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**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:**

**U.S. APPLICATIONS**

| U.S. APPLICATION NUMBER | U.S. FILING DATE | STATUS |
|-------------------------|------------------|--------|
| NONE                    |                  |        |

## PCT APPLICATIONS DESIGNATING THE U.S.

PCT APPLICATION NO.

PCT FILING DATE **SEP 8 1997** US SERIAL NUMBERS  
ASSIGNED (if any)

STATUS

NONE

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (*List name and registration number*)

Name  
EDWARD F. SHERER

Registration No.  
29,588

Name  
Registration No.

**Send Correspondence to:**

Mr. E. F. Sherer, Exxon Chemical Company, 5200 Bayway Drive, Baytown, Texas 77520, United States of America

**Direct telephone calls to:**

Name: Edward F Sherer  
Telephone No. 1-281-834-5933

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**Third Inventor:****James Alexander MCHENRY**

Residence (City, State or Province, Country):

Washington, New Jersey, United States of America

Country of Citizenship:

United States of America

Post Office Address:

4 Partridge Run, Washington, New Jersey 07882  
United States of America

Signature (Sign full name as it appears above):

Dated:

Month (in full) SEPTEMBER Day 2, 19 97